



Modeling, Assessment, & Awareness Project

Wednesday, August 5, 2026

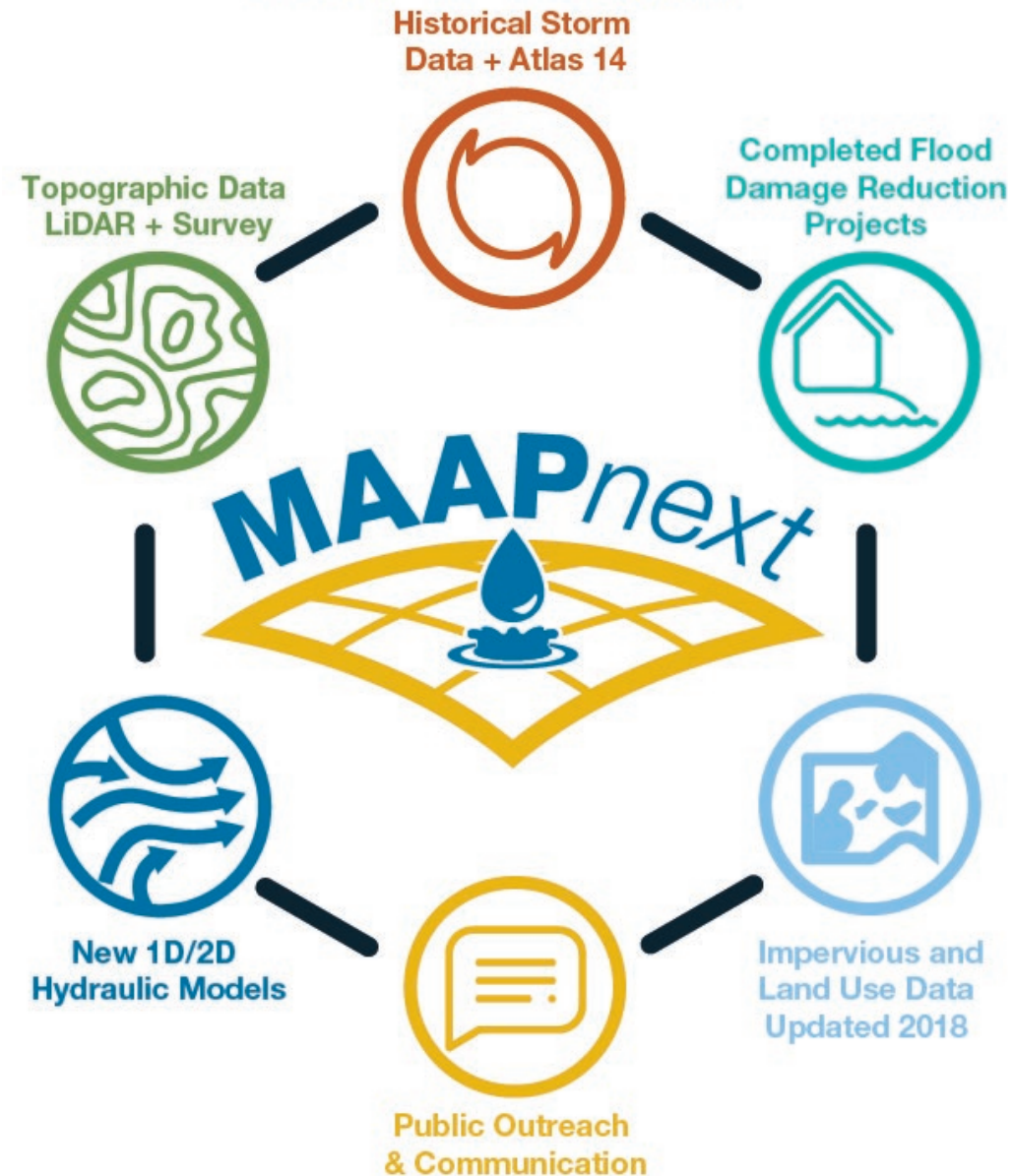
What is MAAPnext?

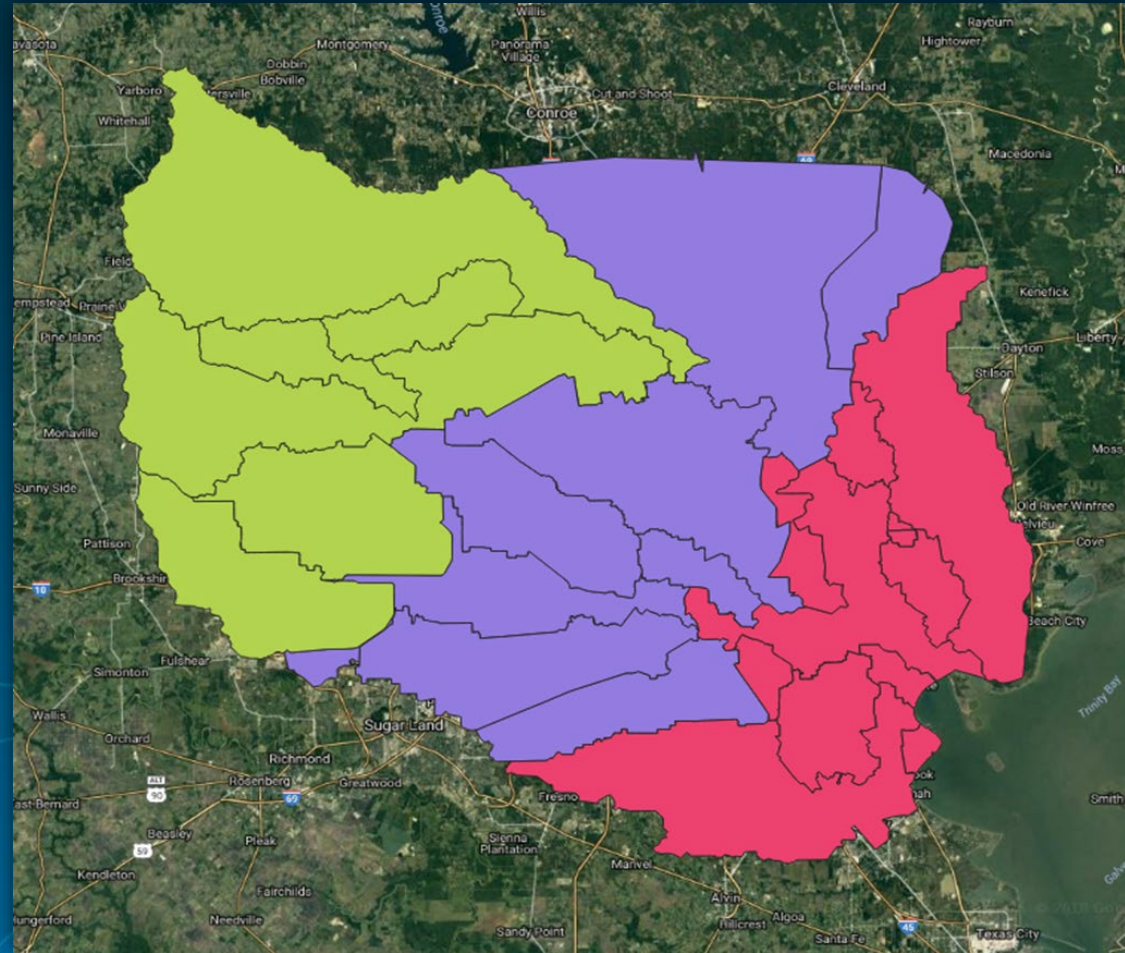
MAAPnext is a comprehensive, county-wide floodplain study that developed new:

- Flood Insurance Rate Maps (FIRMs)
- Flood Insurance Study Report
- Flood Risk Products
- Engineering Tools
- Educational Resources
- Online Interactive Mapping Tools



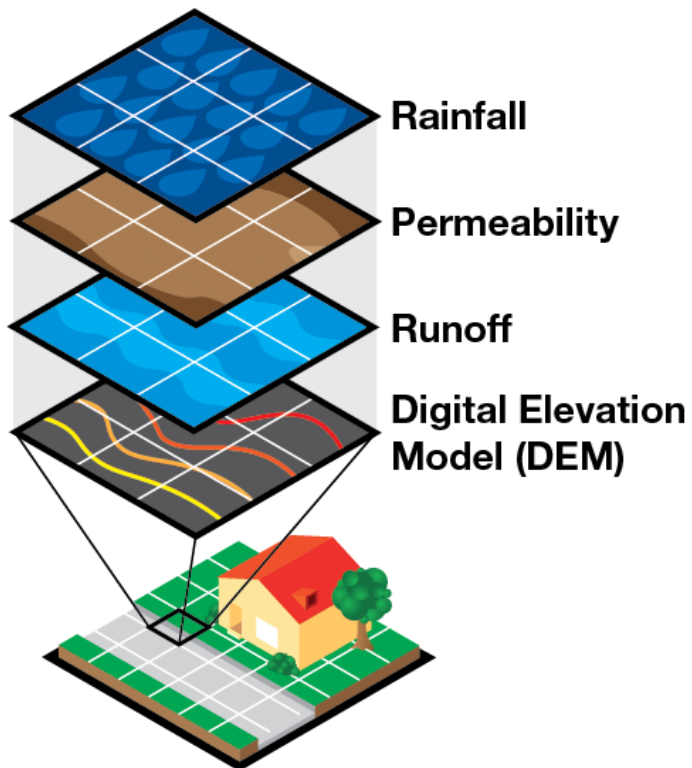
What Data Informs MAAPnext?



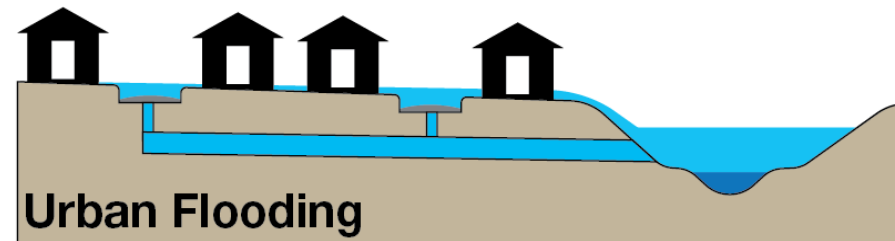
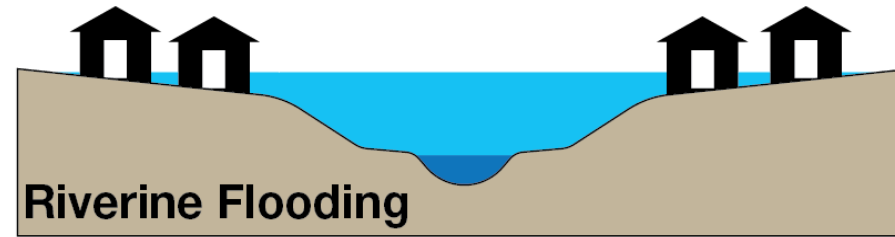


Develop accessible information catering to all key audiences.

MAAPnext Data Considerations



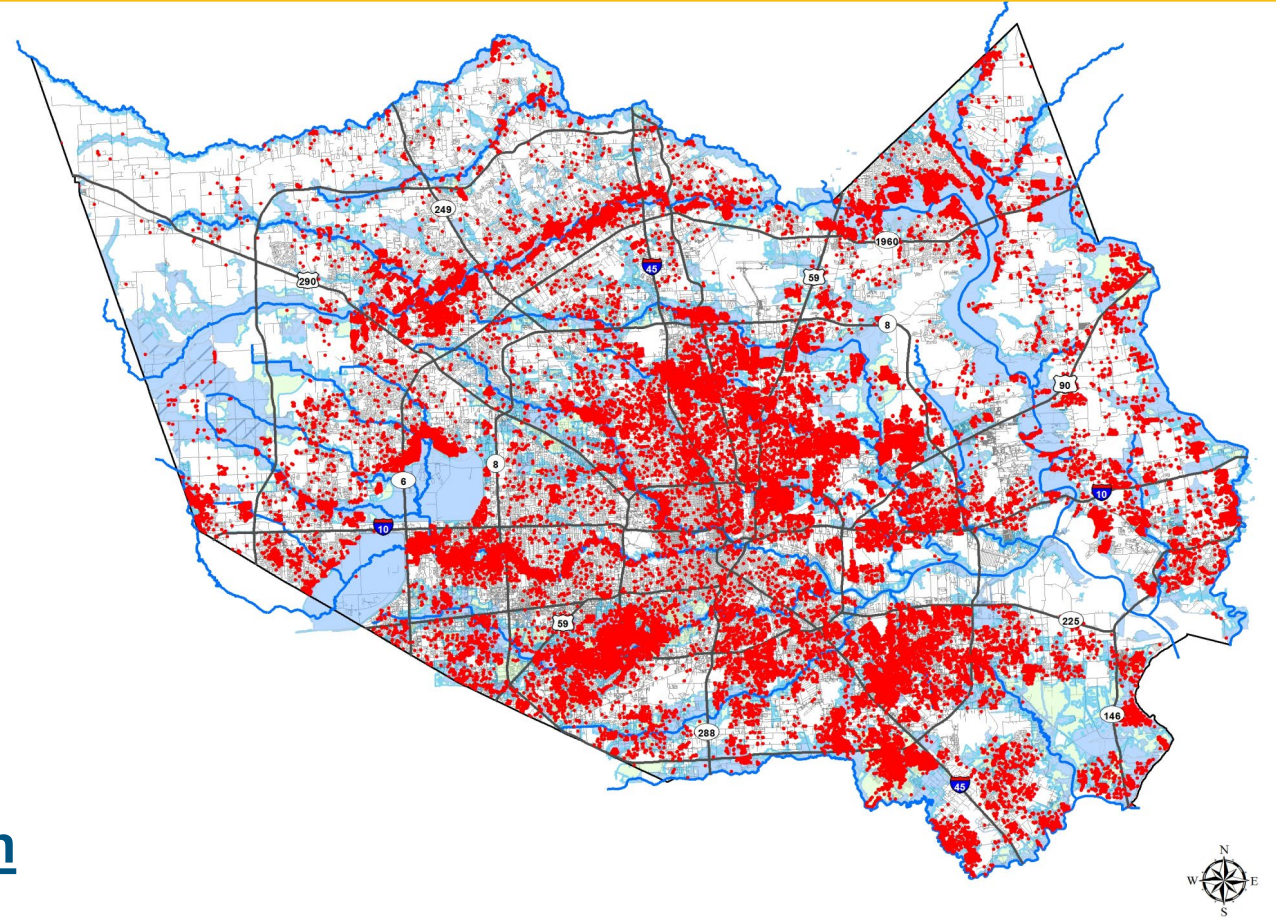
Types of Flooding in Harris County



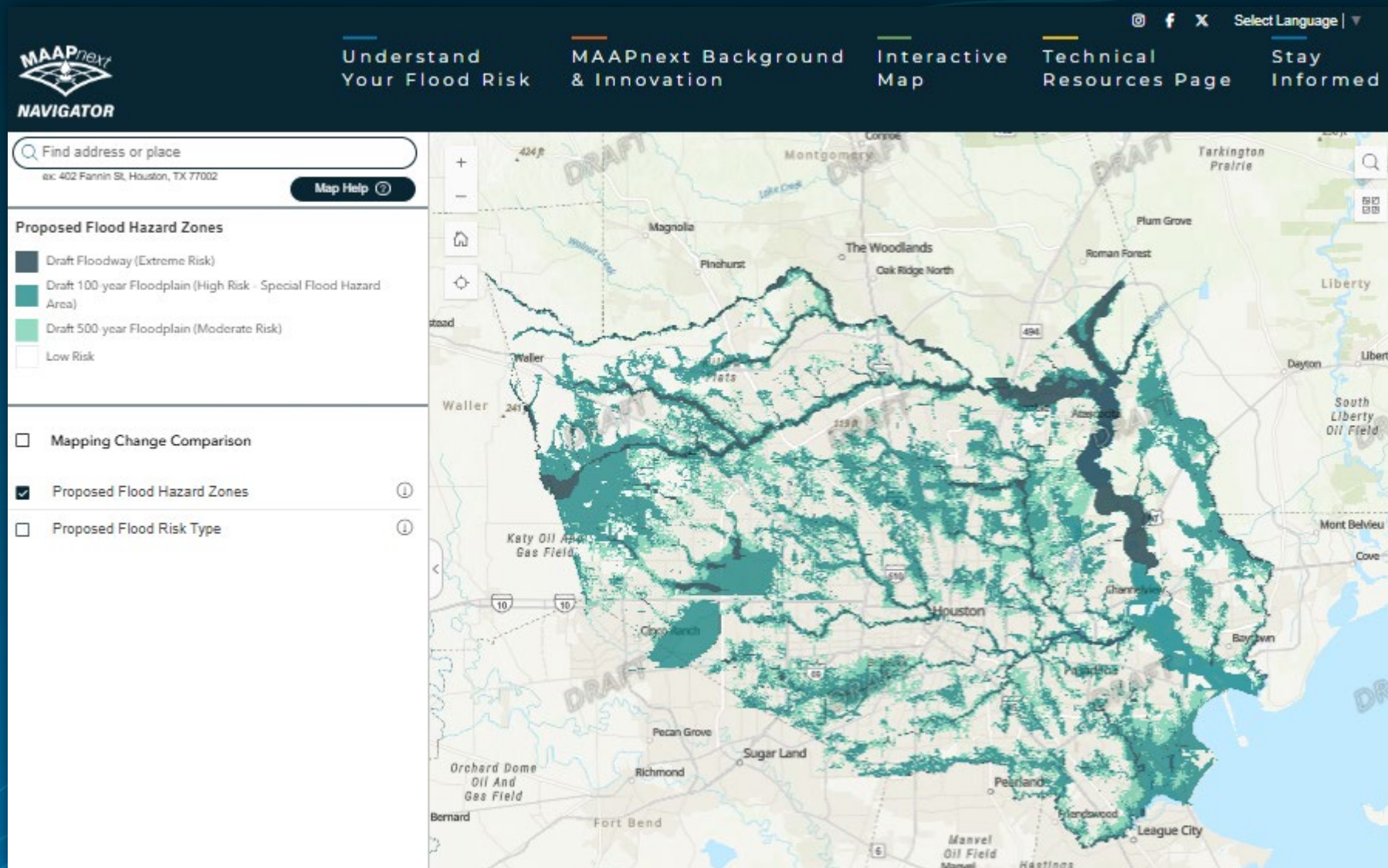
Historical Flooding

Harvey	154,170
Allison	73,000
4-18-16	9,840
5-25-15	6,335
6-19-06	3,370

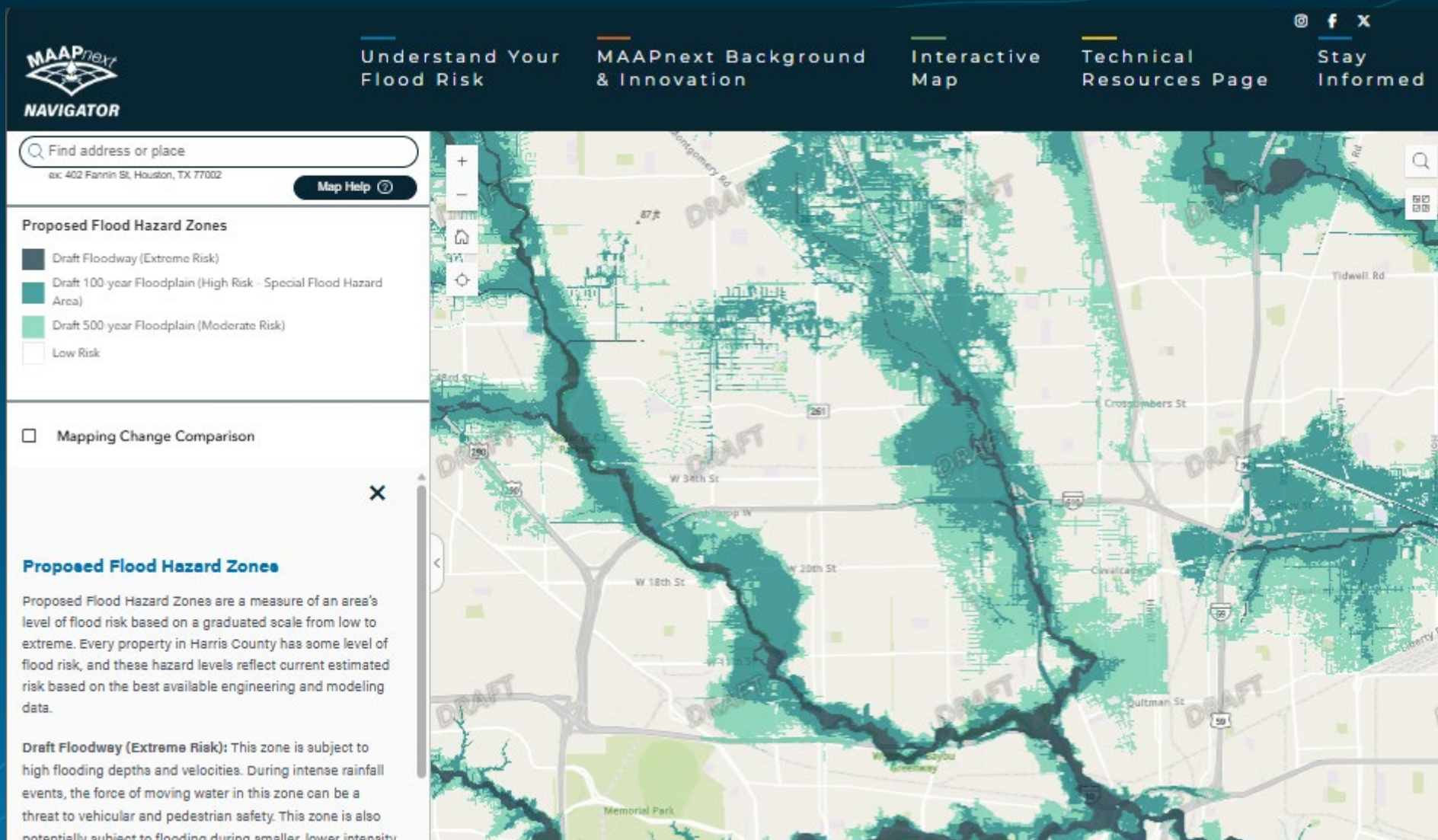
11% total structures in
Harris County flooded
105,340 or 68% outside 1% floodplain



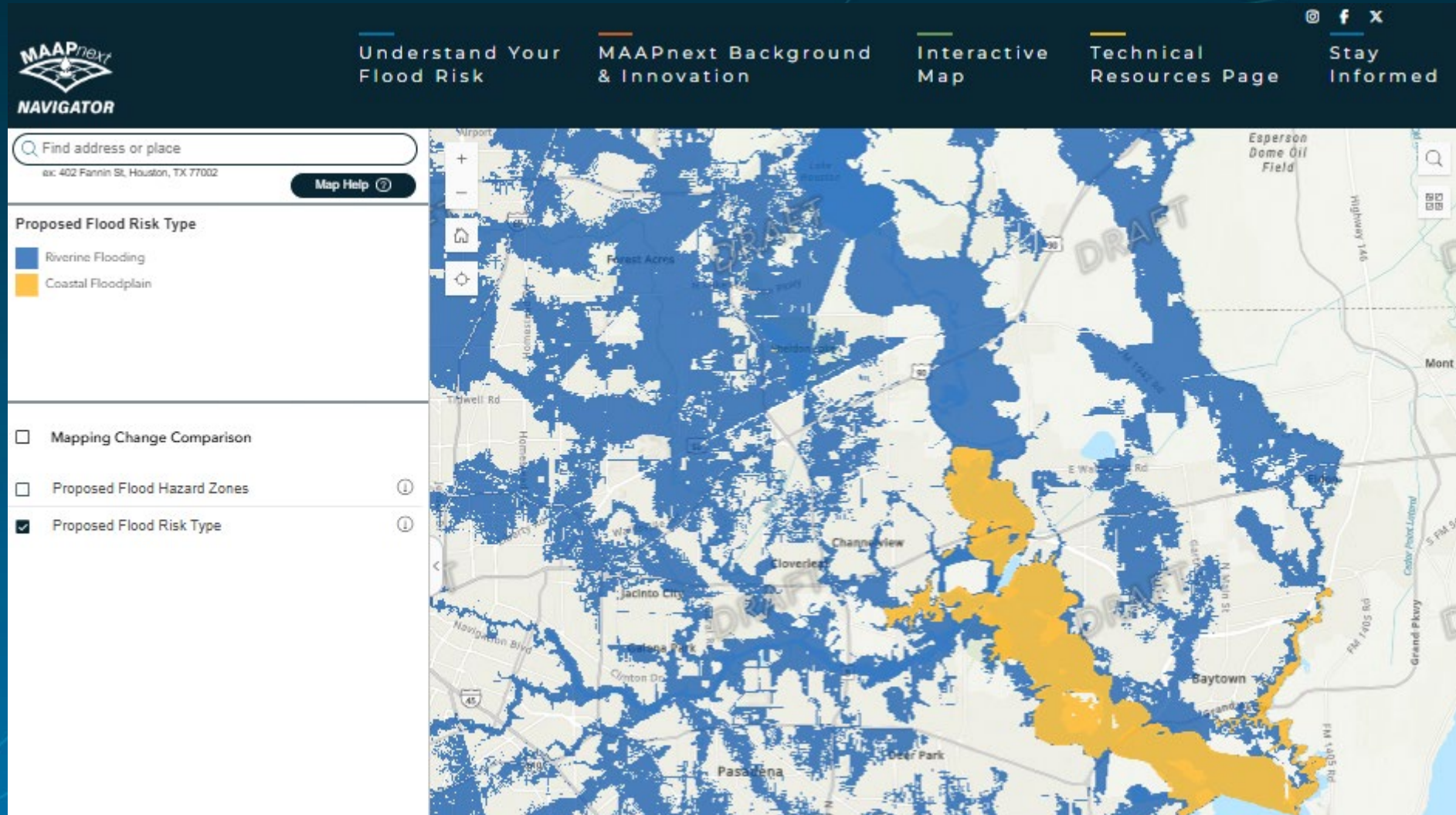
Proposed Zones



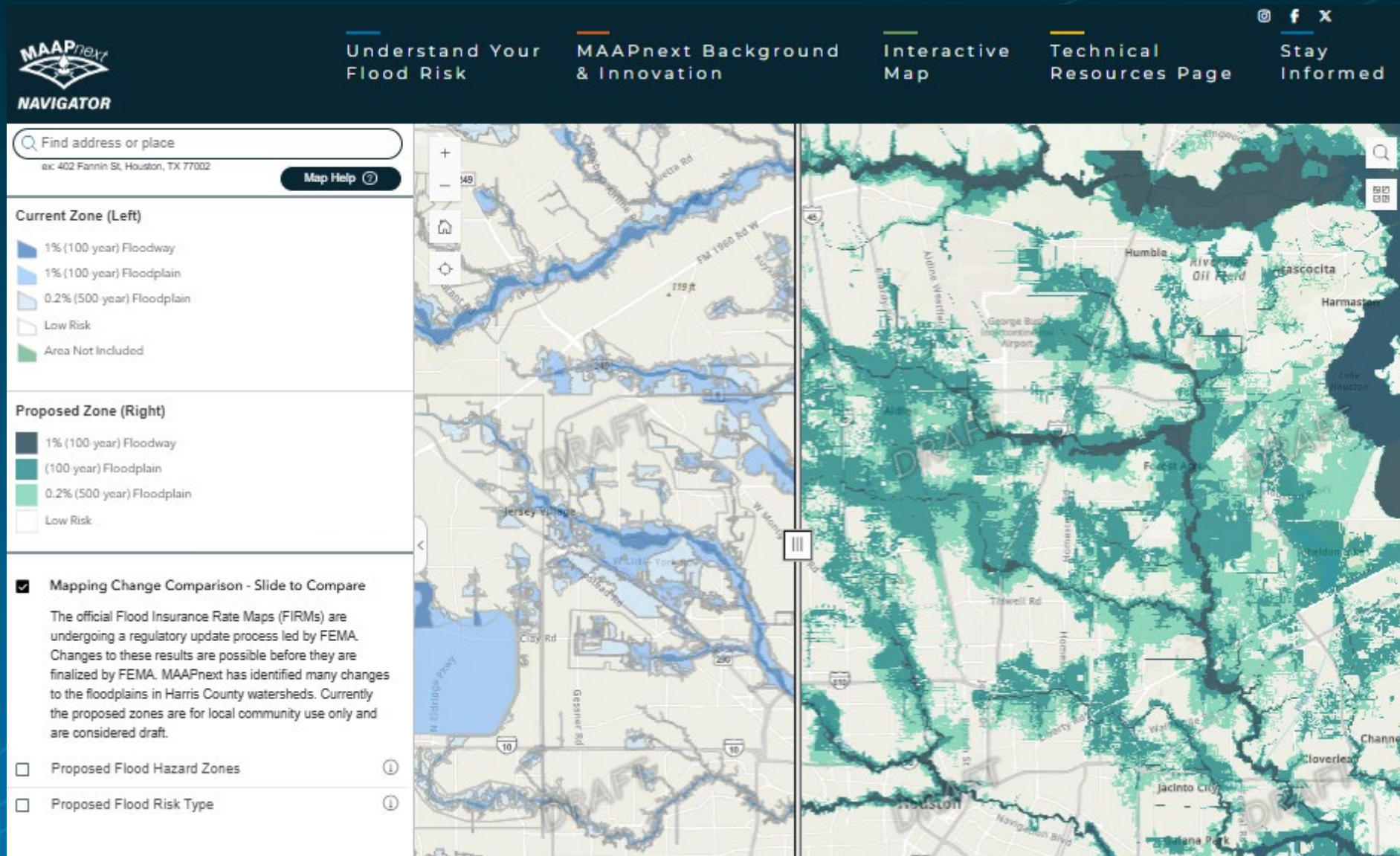
Layer Descriptions



Flooding Type



Effective vs. Draft MAAPnext Slider



Basemap Options



[Understand Your Flood Risk](#)[MAAPnext Background & Innovation](#)[Interactive Map](#)[Technical Resources Page](#)



[Stay Informed](#)

ex: 402 Fannin St, Houston, TX 77002

Map Help

Current Zone (Left)

1% (100 year) Floodway

1% (100 year) Floodplain

0.2% (500 year) Floodplain

Low Risk

Area Not Included

Proposed Zone (Right)

1% (100 year) Floodway

(100 year) Floodplain

0.2% (500 year) Floodplain

Low Risk

☒ **Mapping Change Comparison - Slide to Compare**

The official Flood Insurance Rate Maps (FIRMs) are undergoing a regulatory update process led by FEMA. Changes to these results are possible before they are finalized by FEMA. MAAPnext has identified many changes to the floodplains in Harris County watersheds. Currently the proposed zones are for local community use only and are considered draft.

☐ Proposed Flood Hazard Zones

☐ Proposed Flood Risk Type

Basemap

Enhanced Contrast Dark Map

Enhanced Contrast Map

Firefly Imagery Hybrid

Human Geography Dark Map

Human Geography Map

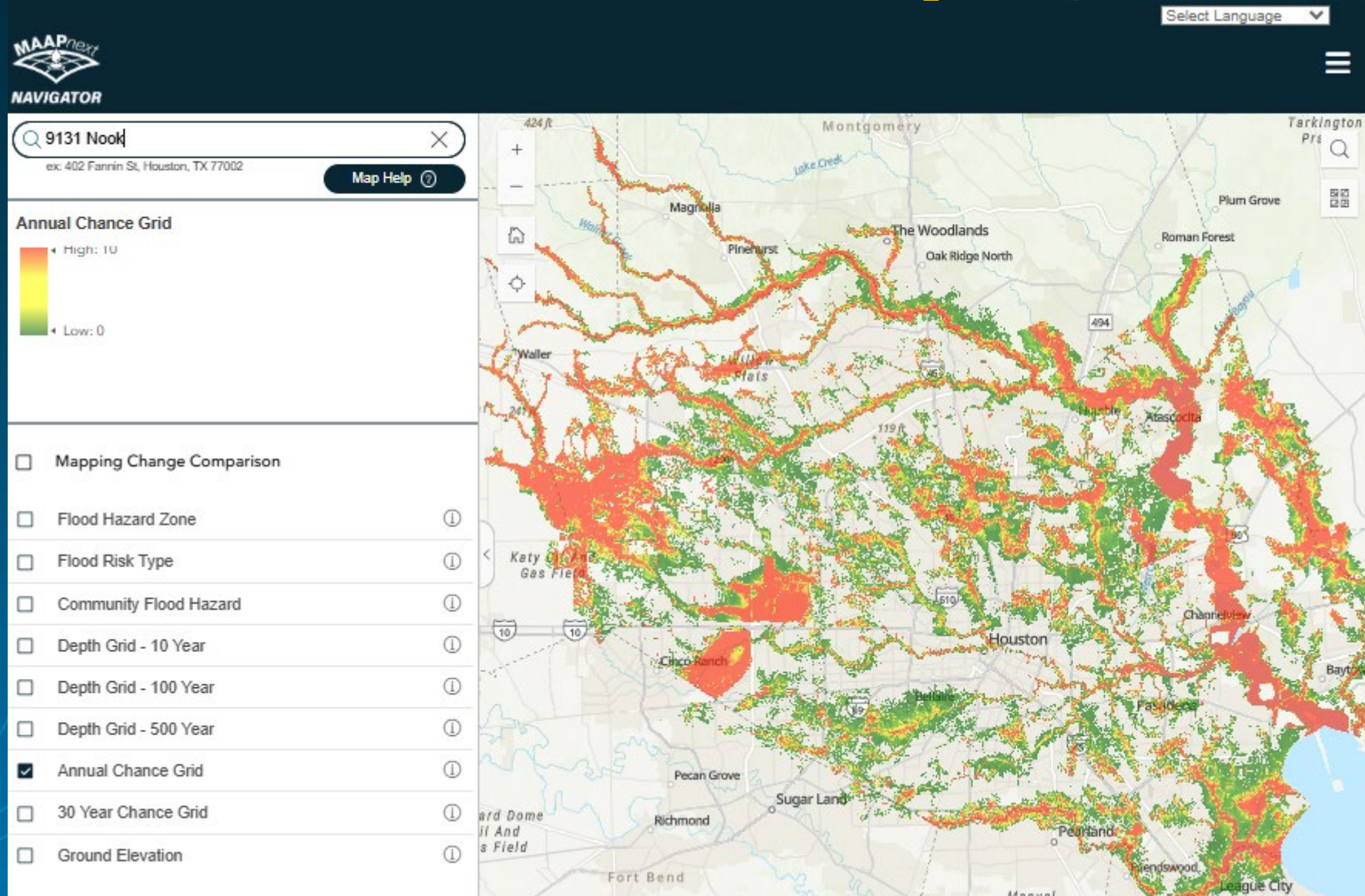
Imagery

Imagery Hybrid

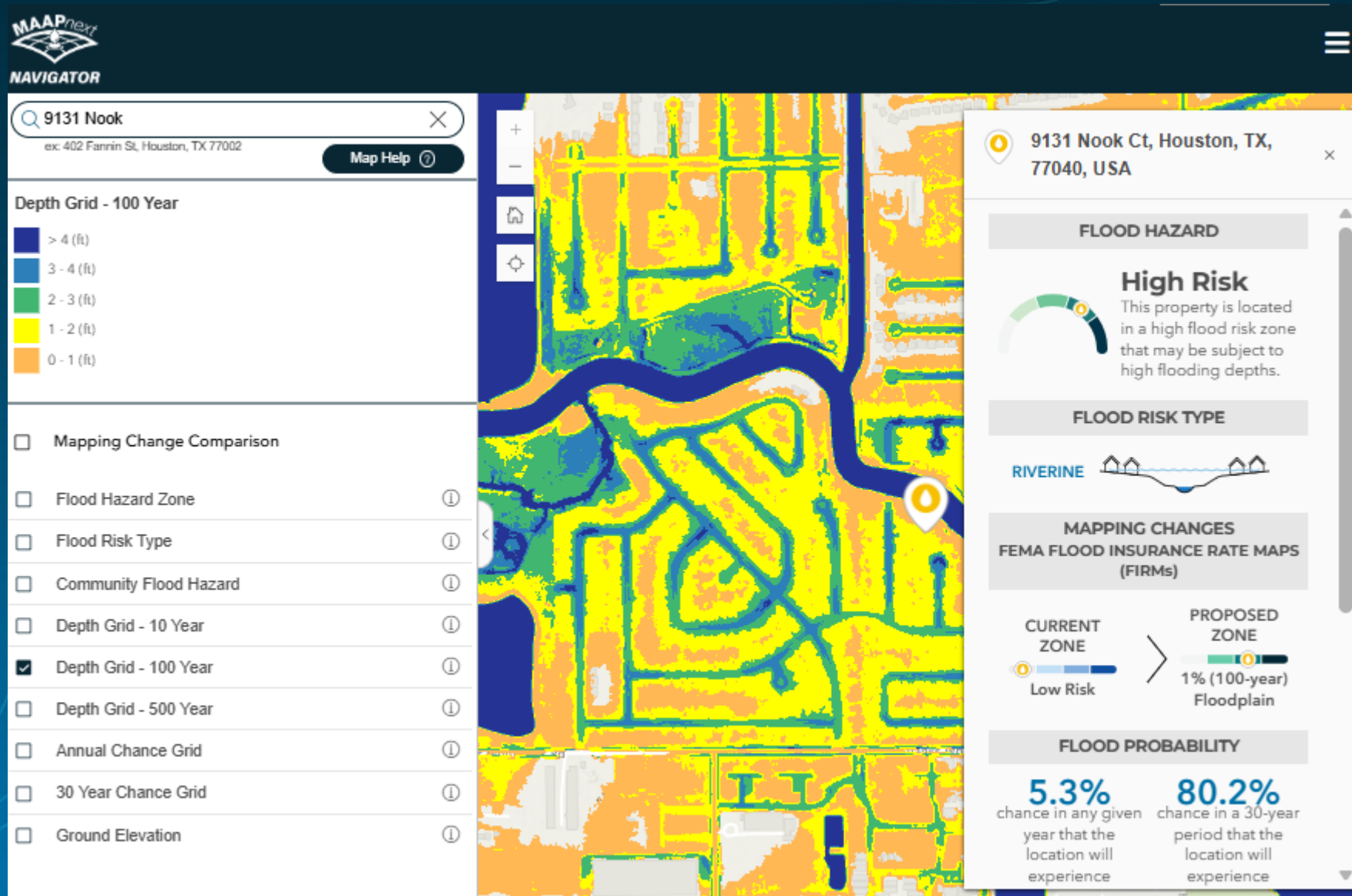
Light Gray Canvas

Upcoming Tool Upgrades

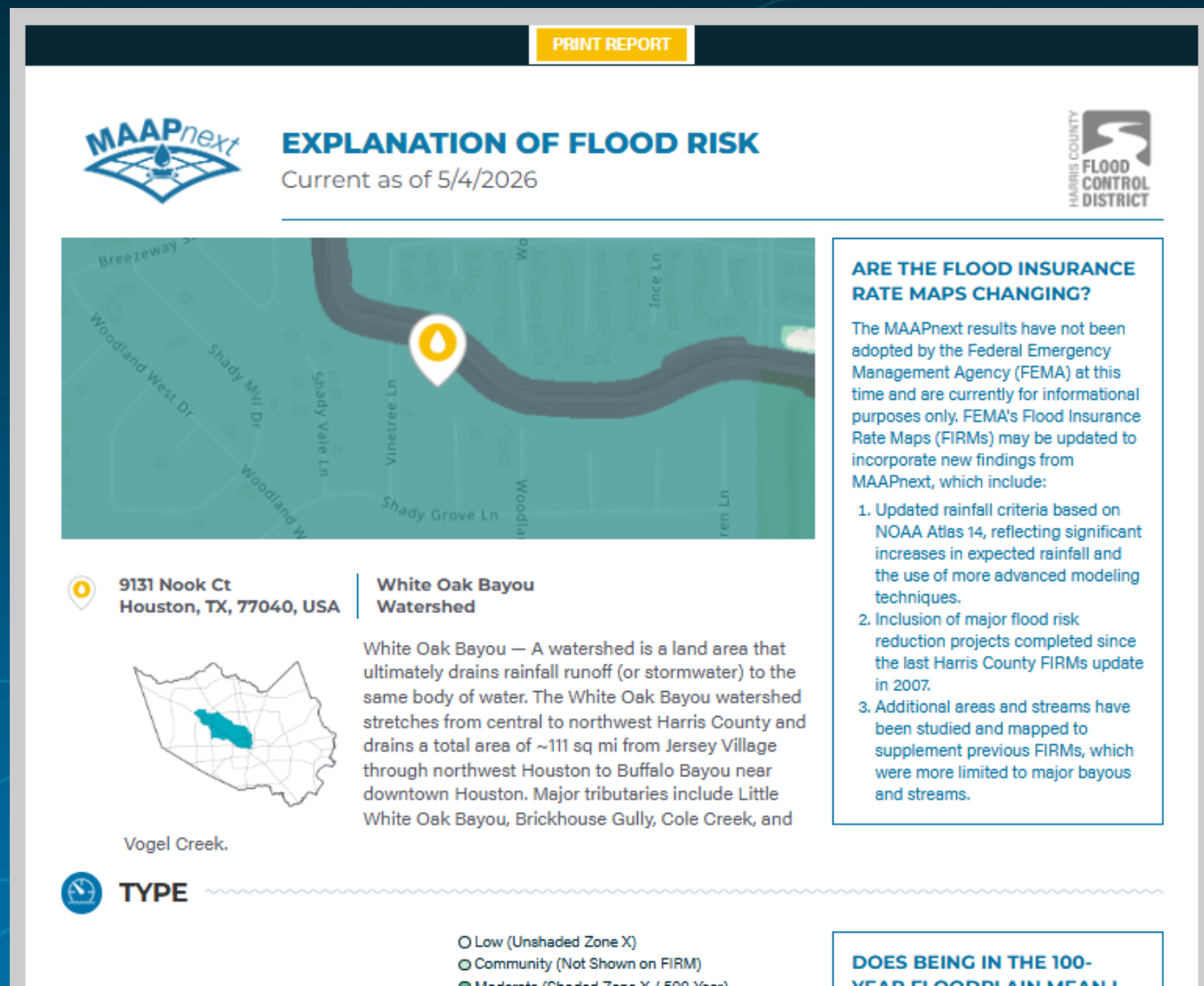
Additional Informational Layers



Property-Specific Reports



Detailed Property-Specific Reports





Thank you!

www.maapnext.org